Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Sunday 12 Mar 2023 until 23:59 on Monday 13 Mar 2023

Forecast Issued on Sunday 12 Mar 2023 at 03:24

Confidence: High for changeable conditions, lower for freezing levels later in outlook

Headline for Sunday 12 Mar 2023: Mainly cloudy, some patchy drizzle and some brighter spells, then heavier rain from mid-afternoon. Hill fog. Strong to gale strength west or southwest winds.

Mountain weather hazards on Sunday 12 Mar 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
Medium Likelihood

Severe chill effect
Medium Likelihood

Poor visibility
High Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
Medium Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Fog	Fog	Cloudy	Light rain showers	Light rain	Heavy Rain
Precipitation probability					
20%	20%	10%	40%	60%	70%

Forecast for Sunday 12 Mar 2023

Weather: Light rain and drizzle to start the morning on Sunday before becoming mainly dry with just a few light outbreaks of drizzle. Mostly cloudy with low cloud covering tops although some brighter intervals may develop for a time around midday, especially in shelter of higher ground. Cloud thickening in the afternoon with outbreaks of rain developing during the evening and becoming rather heavy by the end of the day. Cloud lowering further once the rain has set in to cover all summits.

Chance of cloud-free hill tops above 600m: Mostly 10% or less, but 40% for a short time mid-morning to early afternoon, especially in the east.

Low Cloud and visibility: Plenty of low cloud, mainly above 450-600m but lifting to 800m for a time mid-morning to early afternoon, with some breaks. Visibility away from cloud mostly good around midday but becoming moderate to poor in the rain and drizzle.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Sunday 12 Mar 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	32/46 W	32/43 W	26/36 W	22/32 SW	23/33 SW	19/28 S	22/32 S
300	19/41 W	18/36 W	19/36 W	16/32 SW	14/30 SW	11/25 S	13/29 S
Valley	13/31 W	13/26 W	12/25 SW	13/30 SW	12/28 SW	10/24 S	11/27 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/-3	4/-3	4/-2	5/-0	6/1	6/2	6/2
300	6/1	6/2	7/3	8/4	8/4	8/5	8/5
Valley	6/3	8/4	9/6	8/5	9/6	9/7	10/7
Freezing Level*	1100m	1200m	1200m	1500m	1800m	2000m	2500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A rapid thaw of lying snow by Sunday afternoon.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Sun 12 Mar 2023	1.4mm	10.2mm	12.8mm

Forecast for Monday 13 Mar 2023

Weather: Cloudy with further rain, heavy at times, turning to snow above 300m by evening then to lower levels during the evening though it may become lighter. Perhaps turning clearer and drier by midnight.

Maximum wind: Southwest 40 gusts 55mph easing 25-30 gusts 40mph by mid to late afternoon then veering north or northwest in the evening.

Chance of cloud-free hill tops above 600m: 20% or less lifting 80% later in evening.

Low Cloud and visibility: Widespread cloud 300-500m, the bases slightly higher in the northeast, with moderate to poor visibility in rain. Exposure to the lowest cloud bases changing with wind direction towards evening, with poor visibility in snow, but cloud will lift and break towards midnight.

Temperature: **Valleys:** Plus 8 Celsius falling to Plus 4 towards evening and zero by mid to late evening.
At 600m: Plus 6 Celsius falling to Plus 2 by evening then Minus 3 by mid to late evening.
Freezing level: Above summits most of day, then falling quickly to 600m later in the afternoon then to low levels by mid to late evening.

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